Portable High Luminance Solar Light User Manual

1. Specification

1.1 Flexible choices for luminance and functions:

For luminance: 8 LED of max 150 lumens; or 12 LED of max 220 lumens

For functions: standard solar light; or remote control solar light; or mobile charge solar light

For installation: 1 panel with 1 lamp; or 1 panel with 3 lamps

1.2 High light efficiency＞85LM/W

1.3 Built-in lithium batteries: 3.7V/2200mAh for 8 LED lamp; 3.7V/2200mAh*2 for 12 LED lamp

1.4 Solar panel nominal voltage 5V, full charging time around 6 hours

Standard solar light

Remote control solar light

Mobile charging solar light

Lamp group

2. Advantages

2.1 Adjustable pulling line for fit length and screw design to fix the lamp from cable

2.2 Proper design for longer lighting time: Brightness sequence - 50%middle - 25%low -100%high - off

2.3 (If have) Mobile phone charging function: push the button to start the mobile phone charging function, at the same time the red LED indicator lightens

2.4 (If have) Remote control function: push the button to start the remote signal receiver, at the same time the red LED indicator lightens. To increase/decrease light intensity or turn on/off by push the remote control.

2.5 With over charging protection and over discharging protection, mobile phone charging protection, over load protection and circuit protection

3. LED indicators

3.1 Red LED indicator

Flashes for three times: indicates the battery is under low voltage protection

Flashes constantly: indicates the battery is going to be under low voltage protection

Lightens constantly: indicates the input voltage exceeds the rated voltage

3.2 Green LED indicator

Flashes for three times: indicates the lamp is turned off

Flashes constantly: indicates the lamp is on charge by solar panel

Lightens constantly: indicates the lamp is connected to solar panel with voltage over 5.2V

3.3 (If have) Mobile phone charging LED indicator

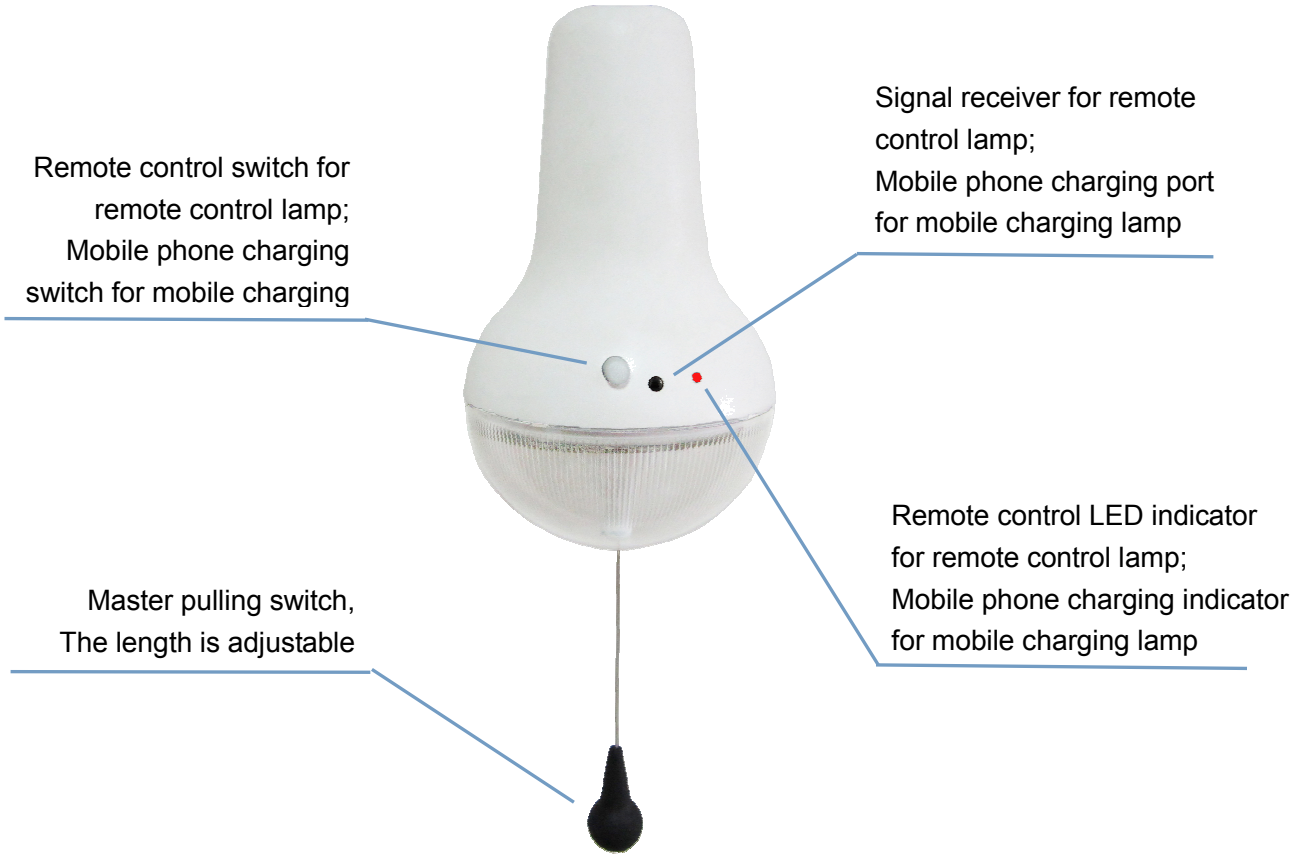
Flashes for three times: indicates the battery is on low voltage

Flashes constantly: indicates short circuit or input charge is over rated

Lighten constantly: indicates the charging mode is working properly

3.4 (If have) Remote control LED indicator

Lightens constantly: indicates the remote control signal receiver works properly


Remote control switch for remote control lamp; Mobile phone charging switch for mobile charging
Signal receiver for remote control lamp; Mobile phone charging port for mobile charging lamp
Remote control LED indicator for remote control lamp; Mobile phone charging indicator for mobile charging lamp
Master pulling switch, The length is adjustable

4. FAQ

1.Charging indicator won't lighten in sunlight	Please check the connecting sequence and contact wire
2.Red LED indicator on PCB lightens constantly	Input voltage exceeds the rated voltage, please replace with the appropriate solar panel and charge the lamp with the rated voltage
3.The lamp won't lighten, meanwhile Red LED light on PCB flashes for 3 times	Battery low voltage, please charge the lamp with the appropriate solar panel
4.(If have)Mobile phone charging LED indicator flashes	Load short circuit or the voltage is over rating.